

Converting Colors

XYZ(56.9642, 71.4554, 63.9665)

Have a look what the booklet for
XYZ(56.9642, 71.4554, 63.9665)
contains.

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Color

**XYZ(57.0112, 71.4690,
64.2162)**

Conversions

Conversions Part 1

Format	Color
Hex	AFE9C6
RGB	175, 233, 198
RGB Percent	69%, 91%, 78%
CMY	0.3137, 0.0863, 0.2235
CMYK	0.25, 0.00, 0.15, 0.09
HSL	144°, 57%, 80%
HSV	144°, 25%, 91%
XYZ	57.0112, 71.4690, 64.2162
YIQ	211.6680, -23.3330, -23.1810

Conversions

Conversions Part 2

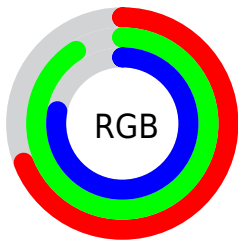
Format	Color
RYB	175, 217, 233
Decimal	11528646
CIELab	87.71, -25.36, 11.09
CIELCh	88, 27.681, 156.378
Yxy	71.4690, 0.2959, 0.3709
Android (android.graphics.Color)	4289718726 (0xFFAFE9C6)
YUV	211.6680, -6.7383, -32.1578
Hunter-Lab	84.5393, -27.5679, 14.1408

Details

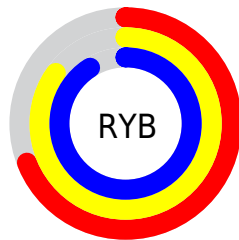
The XYZ color **57.0112, 71.4690, 64.2162** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.5696, 52.6385, 67.9438**, and the grayscale version is **62.4149, 65.6653, 71.5096**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **28.6413, 37.5228, 32.1186** is the 20% darker color. If you saturate the color by 10%, you get **50.6789, 68.3853, 55.8435**, and if you desaturate by 10%, it is **64.4004, 75.0840, 73.4274**.

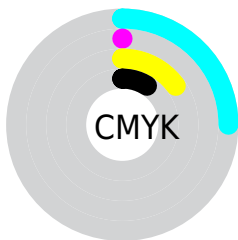
Distribution



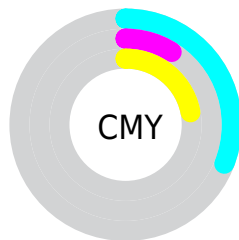
- Red (69%)
- Green (91%)
- Blue (78%)



- Red (69%)
- Yellow (85%)
- Blue (91%)



- Cyan (25%)
- Magenta (0%)
- Yellow (15%)
- Black (9%)





- Cyan (31%)
- Magenta (9%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0112, 71.4690, 64.2162 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 57.0112, 71.4690, 64.2162 by changing the saturation by 10% instead.

 57.0112, 71.4690,
64.2162

 57.0112, 71.4690,
64.2162

403.5048,
465.6913, 458.1988

 41.2544, 52.7250,
46.3785


 99.6128, 121.3013,
112.5247

 28.7065, 37.5833,
32.1938


127.1883,
153.1584, 143.8326

 19.0020, 25.6594,
21.2435

159.4341,
190.1553, 180.4676

 11.7758, 16.5690,
13.1091

196.7155,
232.6765, 222.8483

 6.6623, 9.9277,
7.3721

239.3980,
281.1063, 271.3933

 3.2963, 5.3511,
3.6139


287.8467,

 1.3123, 2.4547,

335.8291, 326.5210


1.4160


342.4272,
397.2293, 388.6500


 0.1924, 0.8538,
0.1542


 0.0000, 0.0000,
0.0000


 57.0112, 71.4690,
64.2162

 57.0112, 71.4690,
64.2162

 50.6789, 68.3853,
55.8435

 64.4004, 75.0840,
73.4274


 45.3471, 65.7986,
48.2809

 72.8875, 79.2453,
83.4951

 40.9632, 63.6840,
41.5053

 82.5185, 83.9779,
94.4426

 37.4669, 62.0111,
35.4905

 88.3091, 86.7120,
106.0556

■ 34.7907, 60.7456,
30.2089

■ 88.4302, 86.7605,
106.6934

■ 32.8567, 59.8479,
25.6311

■ 31.5701, 59.2698,
21.7251

■ 31.0893, 59.0601,
19.9769

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.7163, 71.4690, 52.1968



57.0112, 71.4690, 64.2162



56.1443, 71.4690, 81.9016

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.0112, 71.4690, 64.2162



69.3406, 71.4690, 119.5420



78.6037, 71.4690, 58.2908

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57.0112, 71.4690, 64.2162



60.5696, 52.6385, 67.9438

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.2574, 71.4690, 73.8716



57.0112, 71.4690, 64.2162



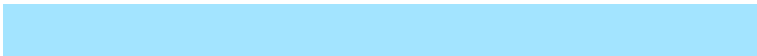
75.6917, 71.4690, 110.6913

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.0112, 71.4690, 64.2162



62.9972, 71.4690, 115.8470



80.1589, 71.4690, 93.2155



73.1120, 71.4690, 49.1807

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.0112, 71.4690, 64.2162



57.2397, 71.4690, 95.0036



80.1589, 71.4690, 93.2155



79.8728, 71.4690, 62.8403

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57.0132, 71.4720, 64.2178



87.0990, 96.0959, 99.7274



63.6765, 75.1907, 51.7156



18.5030, 20.4999, 21.1818



0.0000, 0.0000, 0.0000



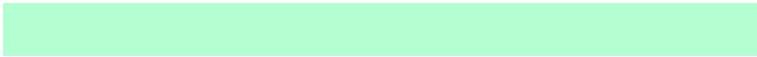
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.0132, 71.4720, 64.2178



65.7232, 85.6395, 73.2804



60.5800, 72.8987, 83.0006



15.1157, 16.9611, 17.2922



17.6970, 33.5333, 11.6352



1.4359, 2.6517, 1.1571

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



60.5696, 52.6385, 67.9438



70.8050, 58.7181, 78.5969



57.3558, 51.3530, 51.0201



15.4472, 15.2067, 17.6403



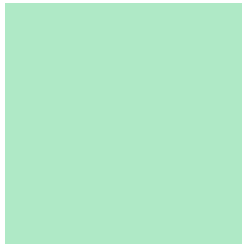
21.8420, 10.9395, 15.5012



1.7623, 0.8779, 1.4657

Previews

White Background



This preview shows how the XYZ color 57.0112, 71.4690, 64.2162 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 57.0112, 71.4690, 64.2162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

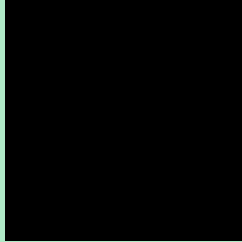
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0112, 71.4690, 64.2162

Background



This preview shows how black text looks on a background with the XYZ color 57.0112, 71.4690, 64.2162.

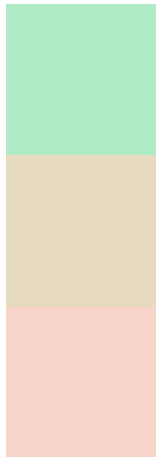


This preview shows how white text looks on a background with the XYZ color 57.0112, 71.4690,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

57.0112, 71.4690, 64.2162

Protanopia

67.3686, 71.2476, 59.4917

Deuteranopia

72.3127, 70.6270, 65.6982



Tritanopia

63.4450, 71.1756, 96.7806

Trichromacy



Original Color

57.0112, 71.4690, 64.2162

Protanomaly

62.9716, 70.9080, 61.4066

Deuteranomaly

65.6929, 70.2522, 65.3560

Tritanomaly

61.0790, 71.4638, 83.9735

Monochromacy



Original Color

57.0112, 71.4690, 64.2162

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

60.4089, 67.8335, 68.9408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0112, 71.4690, 64.2162 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(175, 233, 198)` looks like.

```
.text, #text, p{  
    color:rgb(175, 233, 198)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(175, 233, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 233, 198) }
```

Border

The CSS property to change the border of an element to XYZ 57.0112, 71.4690, 64.2162 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 233, 198) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(175, 233, 198) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(175, 233, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 233, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 233, 198);  
box-shadow:4px 4px 4px 4px rgb(175, 233,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0112, 71.4690, 64.2162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 233, 198) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(175,  
233, 198) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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